

Please type a plus sign (+) inside the box.



Under the Patent Protection Act of 1993, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete If Known

Application Number 10/040,794
 Filing Date January 7, 2002
 First Named Inventor Dick, et al.
 Group Art Unit
 Examiner Name
 Attorney Docket Number P-1047

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	U.S. Patent Document Number	Kind Code* (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Prior Art
EC		4146277		Santoro	03/27/1999	
		4360444		Esterl, et al.	11/23/1992	
		5882761		Kawami, et al.	03/16/1999	
		5591379		Shores	01/07/1997	
EP		4963788		King, et al.	10/16/1990	

RECEIVED
 NOV 12 2002
 TC 1700

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Foreign Patent Document Number	Kind Code* (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Prior Art	T*
EC		JP 61155216		Toyo Soda Mfg. Co. Ltd.	07/14/1986		
		JP 56063818		Takei Kogyo	05/20/1981		
		JP 55165144		Toray Ind. Inc.	12/23/1980		
		JP 55104913		Toyo Soda Mfg. Co. Ltd.	08/11/1980		
		JP 44032572		(Derwent Abstract)	03/22/1971		
		JP 2144121		Shintohhoku Kagaku	04/01/1990		
		JP 63219224		Daikin Trade Ind. Co.	03/12/1988		
		JP 60132643		Matsushita Denki	07/15/1985		
		JP 06039235		(translation)			
EC		EP 07116110		Deca SA (FR)	01/12/1996		

Examiner Signature

Edh

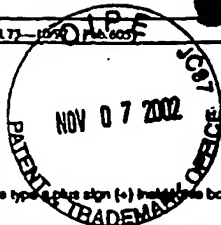
Date Considered

2/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Unique citation designation number. * See attached kinds of U.S. Patent Documents. * Enter Office that issued the document, by the two-letter code (WFO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WFO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside the box

+

PTO/SB/08A (10-95)
Approved for use through 10/31/99. OMB 0631-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Section of Information unless it contains a valid OMB control number.

Substitute for form 1445A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

Complete if Known

Application Number	10/040,794
Filing Date	January 7, 2002
First Named Inventor	Dick, et al.
Group An Unit	
Examiner Name	
Attorney Docket Number	P-1047

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Cell</i>	Date Considered	<i>2/08</i>
-----------------------	-------------	--------------------	-------------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**